IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Paul J. Husted

Assignee: Atheros Communications, Inc.

Title: Voting Block For Identifying WLAN Signal
                Modulation Type

Serial No.:   10/698,666   File Date: October 31, 2003

Examiner: Siu M. Lee   Art Unit: 2611

Docket No.:   ATH-0137

                                    Date: December 4, 2007

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT IN RESPONSE TO THE SECOND OFFICE ACTION

Initial Comments:

    This response addresses the status of Claims 1-3, 5-16, 18-
23, and 25-39. Claims 1 and 21 are rejected under 35 U.S.C.
102(b) as being anticipated by WO 99/39484 (Piirainen). Claim 2
is rejected under 35 U.S.C. 103(a) as being rendered obvious by
Piirainen in view of U.S. Publication 2004/0030530 (Li). Claim
3 is rejected under 35 U.S.C. 103(a) as being rendered obvious
by Piirainen in view of U.S. Patent 4,166,980 (Apostolos).
Claim 14 is rejected under 35 U.S.C. 103(a) as being rendered
obvious by Piirainen in view of U.S. Patent 5,644,597 (Ueda).
Claim 15 is rejected under 35 U.S.C. 103(a) as being rendered
obvious by Piirainen in view of Ueda and Li. Claim 16 is
rejected under 35 U.S.C. 103(a) as being rendered obvious by
Piirainen in view of Ueda and Apostolos. Claims 22 and 23 are

rejected under 35 U.S.C. 103(a) as being rendered obvious by Piirainen in view of U.S. Patent 5,517,524 (Sato). Claim 30 is rejected under 35 U.S.C. 103(a) as being rendered obvious by Piirainen in view of U.S. Patent 6,690,746 (Sills). Claims 31 and 32 are rejected under 35 U.S.C. 103(a) as being rendered obvious by Piirainen in view of Sills and Sato. Claims 5-13, 18-20, 25-29, and 34-39 are objected to as being dependent on a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Claims 1, 6, 11, 14, 19, 21, 22, 23, 26, 30, and 35 are amended herein. Claims 2, 5, 15, 18, 25, 31, and 34 are cancelled, thereby rendering the rejection of or objection to those claims moot.